

CHESTER AND DISTRICT AMATEUR RADIO SOCIETY NEWSLETTER

Well, here it is at last, what you have all been waiting for, the first Bumper Edition of your own Newsletter, full of all the latest gen, technical information, libel, etc. We are told that long CDARS used to have a newsletter but that was before our time, Grandad, so we are calling this No. 1. Our motto for the future is, of course, publish and be damned. (After all, we have nothing to lose but our frie nds!) Seriously though, we hope that this publication which will appear on the second Tuesday in each month, will help to keep you in touch with the Society, by reminding you of forthcoming events and meetings, letting you know what goes on on the local bands, and we hope in due course to provide you with a modest amount of technical information. Remember of course, that the best way to keep in touch is to come to the meetings!

All contributions will be welcome. If you cannot write it up, tell the Editor about it and if it is clean he'll print it no fees - no copyright!

The Club Programme. (All general meetings Tues 8pm. YMCA.)

Feb. 11th. Surplus Sale ( Junk to you Grandad.)

Feb. 18th. A G3ETH Quiz. (still thinking up the answers & questions).

Feb. 25th. Demo & talk on Telemetry Rx by G3EWZ. (STILL thinking up the answers).

March. 3rd. Committee Meeting.

March 4th. Net Night. 2000 hrs. B. S. T. on any clear channel from 1900 to 1920 KHz. First on acts as Control.

March 11th. Slide/Tape presentation by G3TZD & G3DRB of the "Other Man's Shack". See the face behind the call. (Ugh....) The Winsford Club have been invited so come along and meet the rare Dx.

March 18th. A talk, we hope, by G3 MKH on the Heathkit HW 100.

March 25th. RSGB. Films or Tape, details later.

March 31st. Committee Meeting.

April 1st. Net Night,--- QRG & QTR AS USUAL.

Please do your best to attend the meetings and get your 30 bobs worth. Tea or coffee are available during each session.

On Thursday Feb 20th. Howell G3ATZ has a Demo on 160m. in connection with RAEN. DRB/M & UOH/M will be around to provide him with QSO's.

A special Reminder, Annual Dinner May 23rd. at the Oaklands Hotel put your name down and tell your friends. All welcome. G2YS John Swinnerton, will be Guest Of Honour (he is a Chester Old Boy.), supported by Basil G2AMV.

An expedition to the Mull of Galloway, (That's a place not a pub Grandad). commences 1st. May '69 to 4th. May '69, (till 12 pm) Contact Arthur Russell G8AWS for details. Bands in use will be 70cms, 2, 4, & 160m. If you need an extra County/ Country, THIS IS YOUR CHANCE.

Did you know that TEXAS INSTRUMENTS LTD. (12, York street, Manchester 1. 2.) will gladly supply any Radio Amateur with Semiconductor in any quantity - right down to one - at Wholesale Prices. (-G8AWS)

The Month At The Club.

1969 opened with the AGM at which were elected the Chairman, G3FNV, Vice-chairman G3UOH, Secretary G3TZD, Treasurer G3DRB, and Committee members G3ATZ, G3EWZ, G3ETH, Alan Briggs, and John Ames. We were also pleased to hear that Stan Dutton ex-G3EXT, had accepted the office of President.

The next meeting was the traditional preliminary discussion on NFD, after which we had the opportunity of examining a neat piece of surplus American transistorised gear brought along by G3EWZ. This included a useful 455 KHZ IF strip and the unit is obtainable from G3MAX in Manchester.

At the following meeting when G3DRB put forward his ideas for a TVL Committee, several members showed high and low pass filters. We look forward with interest to the progress of Reg's scheme, which he outlines in one of this month's feature articles.

In the second half of this session we were impressed by the FB solid state VHF units which Arthur Russell, G8AWS, had constructed. Arthur's enthusiasm for solid state and VHF at which he must rate among our local experts, makes us want to hear more - what about a full session from you one Tuesday Arthur?

January 28th saw the RX Alignment Wizards in action, screwing up all those loose things in Paul's AR 88. Peter White assured us that test gear for this event was rigged up by Heath(Kit) Robinson. The only sad thing about this evening was TZ0's face, which fell as the inverse square of DRB's enthusiasm. Never mind, Paul, they only dropped the RX twice between your front gate and the shack!

Net night on February 4th occurred after this edition went to press; we hope there was a good turnout of big signals for the occasion.

SWLS, please let us know if you think these nets are worthwhile?

A number of new young faces have appeared at the Club during the month and we hope that they will be with us for many meetings to come; but we would still like to see more of the old ones appear!

Light refreshments (hard luck Alan, no ale) seems to have become an established feature at meetings this year and this with John FNV's idea of an "equipment session" in the second half is, we think, adding greatly to the general interest and atmosphere. We look to members to bring along interesting bits of gear, be they simple or complex, for the rest of us to tear apart at these sessions. Before each meeting this month Reg G3DRB has dutifully produced a CW practice session from 1930 to 2000 BST - SWLS and G8's please support him in the good work, otherwise don't be surprised if he gives it up.

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#### The BCI TVL Committee

Interference to Broadcast Reception either of Radio Signals or of the sound or vision of Television is to be avoided at all costs. By reason of the terms and conditions of the Amateur License the initiative must be taken by the Radio Amateur.

It is envisaged that the beneficial results of the steady progress made by the Officials of the G.P.O. to encourage manufacturers of radio and television apparatus to incorporate "High Pass" filters in the Aerial Input Stage of the Television Units will best be appreciated by those amateurs whose clean carriers and properly modulated transmissions at present cause "swamp".

The problem is one which varies from locality to locality, dependent upon the relationship of the frequency or frequencies of the popular channels in use in the neighbourhood with the Amateur Band which is favoured by the licensed amateur.

The Committee formed within the Club has as its target the situation when any Club Transmitting Member can "go on the Air" on any Band at any time of the day or night using "Phone or C.W." at the maximum permitted power.

To this end we propose to make a start by constructing equipment which members of the committee, or, for that matter,

any responsible member, may use, to check a member's station to ensure that the equipment is being operated in accordance with the terms of the license and not radiating spurious signals or undue power in harmonic emission.

Following this we shall construct equipment to correct adverse features obtaining in any particular situation for fitting either at the station or at the home of the television viewer or Broadcast Receiver listener.

There is a great deal of technical literature on the subject of "TVI" written in America and Great Britain. We propose in the first instance to ask for the assistance of the "TVI" Committee of R.S.G.B. They have made it clear that they will supply the up to date information on the methods of approaching the problem.

We propose to "run off" copies of Circuit diagrams of "filters" and "traps" and make these available to members free of charge.

The Committee is open to suggestions. We have wet our thoughts on a "Mobile Unit". This pre-supposes a vehicle. We have in mind a suitable one - a "V.W." Caravette - if we can enlist the good offices of G3DRB in this direction. Next in logical sequence comes the Personal Touch. We shall need "bods". We have already "co-opted" a couple of enthusiastic new members who ought not to be yet names for the simple reason that they have not paid their subscriptions.

From the purley practical side we now come to the question of "Communication". Even checking your own rig for "TVI" can be difficult unless you have a clued up wife. We are open to suggestions on this question of communications. Should it be a simple land line and a sound powered telephone or something less cumbersome such as a Talk Box to pipe a modicum of modulated R.F. into the "Mains" A simple 2 transistor dev ice? Two off. Circuits if you please.

Well that is a star t. Ball is in your court. Pen or pencil to paper and let us have your advice and help - equipment - components - circuits - papers - magazines etc. on the subject - \* T V I \*, \* B<sup>1</sup>C.I.\*

Delta Romeo Bravo,

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The thoughts of Chairman John - "I wanna resign".

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R A D A R

You may have wondered how certain members can tell the time on Tuesday evenings without looking at their watches. I can now reveal (writes our Science Correspondent) that they are fitted with RADAR (Radio Amateur Dilute Alcohol Responder). The device comprises a resonant cavity which after producing amplitude modulation for more than 60 minutes responds to the consequent drop in moisture level in the circular guide which connects it to the tank circuit, and sounds an audible warning ("Well chaps its ten to ten"). This actuates the mobile electronic unit which automatically homes on to the nearest source of ethyl alcohol. Normal conditions are restored by recharging the tank circuit with dilute alcohol via the resonant cavity. The equipment is not transistorised and works well with ordinary commercial bottles, although if the recharging process is not time limited a solid state can result with excessive dissipation.

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HEARD ON THE AIR

".... I want to make a Chinese copy of some of those Japanese knobs" (G3UWV)

".... there is a lot of QR Nellie" (G3?)

(Ah yes, poor Nellie, she always was a big girl - Ed.)

".... the big cheeses have got themselves re-elected to the Committee" (local on 160, heard by G3FNV)

LATE NEWS ITEM - At Committee Meeting on Feb. 3rd G3FNV's resignation from the Chair was accepted. G3UOH elected Chairman, G3ATZ Deputy Chairman.

Edited by G3ETH

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and Associates.